

Figure 1. Method of Preparation and Reactions Screened for Various Ligands.

	Li, Mg S,A		Li S,A		Li A
	Li, Mg S,A,K,D,H		Mg S,A		Mg S
	Mg S,A		Li S,A,K		Mg S,A
	Mg S,A,D		Li S,A		Mg S,A
	Mg D,S		Li S,A		Li S
	Mg D,S		Li A		Mg S,D
	Mg S		Li A		Li A
	Li S,A		Li A		S
			Li S		

Legend

Method of Preparation:

Li= made from organolithium reagent

Mg= made from Grignard reagent

Reactions Screened:

S=Used for Suzuki Coupling

A=Used for amination

D=Used for diaryl ether synthesis

K=Used for ketone arylation

H=Used for Heck reaction